

AMENDMENTS TO THE CLAIMS

Please amend claims 28-31, 34, 42, and 45; please cancel claims 32, 35, 38, 43, and 44; and please add new claims 48-57 as indicated in the following Listing of Claims. This Listing of Claims replaces all prior versions and listings of the claims in the application:

Listing of Claims

1-27 (canceled)

28. (currently amended) An apparatus for displaying images comprising:

an enclosure;

a frame installed in the enclosure and adapted to hold an interlaced image, the interlaced image being defined by a plurality of images, each of the plurality of images being defined by a plurality of strips, the interlaced image being defined by a plurality of sets of the strips, each set including a strip from each of the plurality of images; and

an optical barrier including a plurality of substantially parallel elongated grills spaced from the frame and adapted to obscure portions of an installed interlaced image, the grills being arranged to define a plurality of substantially parallel elongated gaps between adjacent grills through which portions of the installed interlaced image can be viewed by a viewer, a ratio of grill width to gap width being about 80:20 with a variance of up to 5%;

and wherein at least part of one strip of an installed interlaced image and at least part of an adjacent strip can be viewed by a viewer through each gap at any one time, so that the installed interlaced image in conjunction with the optical barrier display 3D images to a the viewer.

29. (currently amended) An apparatus for displaying images as claimed in claim 28 further comprising an interlaced image installed in the frame.

30. (currently amended) An apparatus for displaying images as claimed in claim 29 wherein the interlaced image is a ~~composition of multiple interlaced images~~ applied to a light transparent material.

31. (currently amended) An apparatus for displaying images as claimed in claim 29 wherein the interlaced image is ~~produced on~~ applied to a single piece of flexible, translucent material.

32. (cancelled)

33. (previously presented) An apparatus for displaying images as claimed in claim 28 wherein the grills have a triangular or circular segment cross-section.

34. (currently amended) An apparatus for displaying images as claimed in claim 33 wherein the grills are ~~aligned~~ arranged so that the smallest distance between ~~the~~ an installed interlaced image and the grills is at a vertex of grills.

35. (cancelled)

36. (previously presented) An apparatus for displaying images as claimed in claim 28 wherein the grills are arranged adjacently in a linear array with a gap between adjacent grills.

37. (previously presented) An apparatus for displaying images as claimed in claim 36 wherein the grills are oriented vertically.

38. (cancelled)

39. (previously presented) An apparatus for displaying images as claimed in claim 36 wherein the spacing of the grill provides viewing between the angles of 15-165°.

40. (previously presented) An apparatus for displaying images as claimed in claim 36 wherein the width of each grill is 20.32 mm.

41. (previously presented) An apparatus for displaying images as claimed in claim 36 wherein the gap between each grill is 5.08 mm.
42. (currently amended) An apparatus for displaying images as claimed in claim 28 wherein the enclosure is adapted to house a light source to provide back lighting for an interlaced image installed in the frame.
- 43-44. (cancelled)
45. (currently amended) An apparatus for displaying images as claimed in claim 28 wherein the space between the image frame and optical barrier is adjustable.
46. (previously presented) An apparatus for displaying images as claimed in claim 28 wherein the relative horizontal and vertical position of the image frame and optical barrier is adjustable.
47. (previously presented) An apparatus for displaying images as claimed in claim 28 wherein the enclosure can be tilted to provide optimum viewing.
48. (new) An apparatus for displaying images as claimed in claim 28 wherein the gaps between adjacent grills are air gaps.
49. (new) An apparatus for displaying images as claimed in claim 28 wherein each grill is substantially solid so as to restrict light entering or escaping the enclosure through the optical barrier, other than through the gaps.
50. (new) An apparatus for displaying images as claimed in claim 49 wherein the enclosure is formed from non-reflective, opaque material.
51. (new) An apparatus for displaying images as claimed in claim 49 wherein the enclosure is formed from non-reflective, opaque material.

52. (new) An apparatus for displaying images as claimed in claim 28 wherein at least one strip of an installed interlaced image and at least part of a first adjacent strip and part of a second adjacent strip can be viewed by a viewer through each gap at any one time.

53. (new) An apparatus for displaying images as claimed in claim 28 wherein the ratio is about 80:20.

54. (new) An apparatus for displaying images as claimed in claim 28 wherein the frame is arranged to tautly hold a flexible material to which an interlaced image is applied.

55. (new) An apparatus for displaying images as claimed in claim 28 wherein the frame holds a television screen or other viewing media for displaying an interlaced image.

56. (new) An apparatus for displaying images comprising:

an enclosure;

a frame installed in the enclosure and adapted to hold an interlaced image;

an interlaced image installed in the frame, the interlaced image being defined by a plurality of images, each of the plurality of images being defined by a plurality of strips, the interlaced image being defined by a plurality of sets of the strips, each set including a strip from each of the plurality of images and

an optical barrier including a plurality of substantially parallel elongated grills spaced from the frame and adapted to obscure portions of the interlaced image, the grills being arranged to define a plurality of substantially parallel elongated gaps between adjacent grills through which portions of the interlaced image can be seen;

wherein at least part of one strip of an installed interlaced image and at least part of an adjacent strip can be viewed by a viewer through each gap at any one time, so that the installed interlaced image in conjunction with the optical barrier display 3D images to the viewer.

57. (new) An apparatus for displaying an image comprising:

an enclosure;

a frame installed in the enclosure and adapted to hold an interlaced image; and

an optical barrier including a plurality of substantially parallel elongated grills spaced from the frame and adapted to obscure portions of an installed interlaced image, the grills being arranged to define a plurality of substantially parallel elongated gaps between adjacent grills through which portions of the installed interlaced image can be viewed by a viewer, a ratio of grill width to gap width being about 80:20 with a variance of up to 5%;

wherein each grill is substantially solid so as to substantially restrict light entering or escaping the enclosure through the optical barrier, other than through the gaps, so that the interlaced image in conjunction with the optical barrier display 3D images to the viewer.